

WHAT IS CLAIMED IS:

1. A high frequency surgical instrument  
comprising:

a slender cylindrical electro-insulating sheath  
5 including a distal end and a proximal end;

a handle main body mounted to the proximal end of  
the sheath;

a slider configured to advance and retreat on the  
handle main body along an axial direction of the  
10 sheath;

an electrode portion for a diathermic treatment,  
configured to operate in accordance with operating of  
the slider;

an electric connection portion provided in the  
15 slider, to which a connection cord for connection with  
an external high frequency power source, is detachably  
connected;

a conducting member configured to electrically  
connecting the electric connection portion and the  
20 electrode portion; and

a cord connection portion configured to lead the  
connection cord backwards along an advancing and  
retreating direction of the slider.

2. A high frequency surgical instrument  
25 comprising:

a slender cylindrical electro-insulating sheath  
including a distal end and a proximal end;

a handle main body mounted to the proximal end of the sheath;

5 a slider configured to advance and retreat on the handle main body along an axial direction of the sheath;

an electrode portion for a diathermic treatment, configured to project from or withdraw into a distal end of the sheath in accordance with the advancing and retreating of the slider;

10 an electric connection portion provided in the slider, to which a connection cord for connection with an external high frequency power source, is detachably connected;

15 a conducting member configured to electrically connecting the electric connection portion and the electrode portion; and

a cord connection portion configured to lead the connection cord backwards along an advancing and retreating direction of the slider.

20 3. A high frequency surgical instrument according to claim 2, wherein

the electric connection portion includes a connection portion rotating portion configured to connect the connection cord thereto rotatably in a direction of rotation of an axis of the connection cord.

4. A high frequency surgical instrument according

to claim 2, wherein

the electric connection portion includes a plug to which the connection cord is mounted,

the plug includes a contact pin, the contact pin  
5 being provided in parallel with the advancing and retreating direction of the slider.

5. A high frequency surgical instrument according to claim 2, wherein

the electric connection portion further comprises:  
10 a vertical plug projecting in a vertical direction that is normal to the advancing and retreating direction of the slider; and

a conversion plug configured to change a direction of the plug in a direction in parallel to the advancing  
15 and retreating direction of the slider, the plug being coupled detachably to the vertical plug;

the vertical plug includes a contact pin projecting in a vertical direction that is normal to the advancing and retreating direction of the slider;

20 the conversion plug includes a plug main body having a shape bent into substantially a letter L;

the plug main body further includes: a main body-side connection portion projecting from one of the bent shape of the letter L; and

25 a cord-side connection portion projecting from an other one of the bent shape of the letter L; and

the cord connection portion includes a contact pin

formed to project in substantially parallel with the advancing and retreating direction of the slider, and to which the connection cord is detachably connected.

5         6. A high frequency surgical instrument according to claim 2, wherein

the electric connection portion includes a vertical plug formed to project in a vertical direction that is normal to the advancing and retreating direction of the slider, and

10         the connection cord includes an L-shaped connector detachably connected to the vertical plug, the connector being bent into substantially an L-shape.